

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF AQUA/KWS, INC.     )	
FOR A DEVIATION FROM COMMISSION     )	CASE NO. 95-346
REGULATIONS REGARDING METER TESTING )	

O R D E R

By application received August 11, 1995, Aqua Corporation/Kentucky Water Service Company, Inc. ("Aqua") requested permission to deviate from 807 KAR 5:066, Section 15(2), which provides that all new meters shall be tested for accuracy as specified therein. Aqua states in its application that it wants to use a "transit-time flowmeter" in its filter building to measure water production at its source of supply in order to comply with 807 KAR 5:066, Section 6(1).

The Commission, having reviewed the application and being otherwise sufficiently advised, finds that:

1. Aqua is not in compliance with 807 KAR 5:066, Section 6(1), which requires the utility to install a suitable measuring device at each source of supply.

2. Aqua has requested permission to deviate from 807 KAR 5:066, Section 15(2), so that it may use a "transit-time flowmeter" to measure the production of water at its source of supply.

3. The "transit-time flowmeter" Aqua proposes to use differs from meters addressed in 807 KAR 5:066, Section 15(2), in that flow velocity is measured using high frequency sound pulses.

4. 807 KAR 5:066, Section 15(2), does not describe testing procedures for determining the accuracy of a "transit-time flowmeter." In order for Aqua to use such a meter, permission to deviate from 807 KAR 5:066, Section 15(2), is therefore required.

5. Aqua asserts that a "transit-time flowmeter" is less expensive to purchase and easier to install than a standard propeller meter. Furthermore, Aqua asserts that due to piping configuration inside the plant, a propeller meter cannot be installed.

6. Aqua's motion should be granted and it should be permitted to install and use a "transit-time flowmeter" until December 31, 2000 in order to demonstrate the suitability and accuracy of this type of installation.

7. Aqua should monitor the status and effectiveness of the proposed "transit-time flowmeter" and be prepared to demonstrate to the Commission the suitability and accuracy of the proposed flowmeter installation.

IT IS THEREFORE ORDERED that:

1. Aqua is granted permission to deviate from 807 KAR 5:066, Section 15(2).

2. Aqua shall have until December 31, 2000 to demonstrate the suitability and accuracy of its installed "transit-time flowmeter."

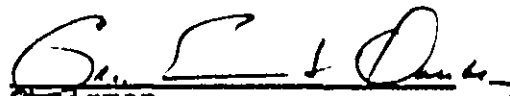
3. Aqua shall monitor the status and effectiveness of the proposed "transit-time flowmeter" and be prepared to demonstrate to

the Commission the suitability and accuracy of the proposed flowmeter installation.

Nothing contained herein shall limit the authority of the Commission to review the appropriateness of the flowmeter installation approved herein at anytime during the period that it is in service.

Done at Frankfort, Kentucky, this 6th day of October, 1995.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

  
Executive Director